

## Egg Drop

Objective:

This is an individual assignment where each student will create packaging that prevents an egg from breaking when dropped from a substantial height. This packaging should not contain any commercial packing materials (Styrofoam peanuts, bubble wrap, etc). The package should be between  $(10\text{in})^3$  and  $(12\text{in})^3$ .

**Due to the mass of students enquiring about peanut butter jars, I will NOT be allowing this.**

The egg will be in a plastic bag during testing. Please use a plastic bag during testing at home as well! Do not bring rotten egg into my class!

Due January 15<sup>th</sup> for Mon/Wed classes

Due January 16<sup>th</sup> for Tues/Thurs classes

**I will provide the eggs on those dates.**

Grading:            10 points for following size regulations  
                         10 points for following material regulations  
                         20 points for egg not breaking  
                         Total 40 points for project

PowerPoint Presentation:

After the experiment we will be doing presentations to report our data instead of the traditional report. It will require how long it took to hit the ground, how much it weighs, and whether it was successful or not. These will be done as groups after the project is complete.